

RP70A BIO

EID&Biometric Reading Tablet



GEN2WAVE



OCR/MRZ
Reader



NFC
Reader



Smartcard
Reader



Fingerprint
Reader



Dual Iris
Scanner



Facial
Recognition
Camera



2D IMAGER



2SIM/2SAM



4G LTE



AGPS



13MP / AF



WIFI a/b/g/n/ac



Bluetooth 4.2



- Law Enforcement & Public Services
- Border Control & Refugee Registration
- Benefit Delivery
- Compulsory ID Registration
- Membership Management
- Customer Registration

www.gen2wave.com

RP70A BIO

EID&Biometric Reading Tablet

SPECIFICATIONS

Description	
CPU	1.8 GHz Hexa-core CPU Cortex A72 Dual-core 1.8GHz Cortex A53 Quad core 1.4Ghz
OS	Android 11
Memory	RAM 4GB, ROM 32GB (64GB/128GB optional)
Physical Characteristics	
Dimensions	213mm(H) x 195.3mm(W) x 30.55mm / 20.95mm(D)
Weight	850g
Display	7.0Inch / WXGA (1280x800)
Touch Panel	Capacitive Touch / Gorilla Glass
Display Visibility	700 nits (cd/m²)
Keypad [Input]	3 Front Keys, 5 Side Keys [Programmable]
Interactive Sensor Technology	Motion-sensor : 3 axis accelerometer Ambient Light Sensor
Battery	Li-Polymer 10,050mAh [embedded]
Audio	Dual Speaker / MIC
User Environment	
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	Non-condensing, 93%
Drop/Sealing	1.2m (4 ft.) drop to concrete / IP65 [RP70A]
Integrated Radios	
Wireless (WWAN)	Frequency band EU (USA Optional) 4G LTE : 800, 900, 1800, 2100, 2600MHz 3G HSPA+ : 900, 2100MHz 2G GSM/GPRS : 900, 1800MHz
Wireless LAN	IEEE 802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.2 BLE
GPS	A-GPS, GLONASS (optional)
Connectivity	
Communication Interface	Tablet Side : USB3.0A Host, USB2.0 OTG External Serial RS232C
SAM Slots	2 SIM/2 SAM slots
Others	
Notification	Vibration and Charging LED
Data Capture	
Camera	13MP Rear Camera / 2.0MP Front Camera
Scanner	2D Imager (Zebra SE4710)
Global eID & ePassport RFID Chip Reader	Standard : ISO 14443 A & B Parts 1-4 MIFARE Protocol : ISO 14443-4 Compliant Card, T=CL MIFARE Classic Card, T=CL It is our proprietary reader with powerful antenna. All kinds of ePassport chip readable in prompt and reliable manner.

OCR[MRZ]	Font	OCR B
	MRZ Lines	MRZ Lines : 1 line : IDL, CAN, etc
	MRZ Lines	MRZ Lines : 2 line : ID2 cards, ePP 3 line : eID
Fingerprint Module	Module	BM-Slim 2 Suprema
	Sensor Type	Optical Sensor
	Sensing Area	16.5mm(W) x 21mm(L)
	Pixel Resolution	500 dpi
	Gray Scale	256 level
	Output Image Format	RAW, BMP, WSQ, ISO 19794-4
	Format	FBI PIV certified, FBI Mobile ID FAP 20 certified
Image Quality Standards		
Dual Iris Scanner	Camera	5MP B&W CMOS sensor
	Operating Range	320±40mm (11"~14")
	Resolution	Above 160 pixel/cm
	Iris Capture Volume	130mm x 45mm x 80mm
	Illumination	IR LED
	Image	2592 x 920 x 30 Frame IR LED

ACCESSORIES

	
Rotating Handstrap	Stylus Pen
	
AC Line Cord and Power Supply	USB Sync Cable

Gen2wave Co., Ltd.

7th fl., Point town B/D, Gumi-ro 11, Bundang-gu, Seongnam-si,
Gyeonggi-do, #13637, Rep of Korea
T +82 (0)31 607 7537 F +82 (0)31 608 7537
General Inquiry info@gen2wave.com
Sales Inquiry sales@gen2wave.com
Technical Inquiry tcs@gen2wave.com
Gen2Wave Homepage | <http://www.gen2wave.com>